

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61K47/48 A61K9/51 A61K31/7036

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EP0-Internal, WPI Data, PAJ, BIOSIS, EMBASE, MEDLINE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
E	WO 2004/098564 A (THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS; POPESCU, CARMEN;) 18 November 2004 (2004-11-18) abstract page 5, lines 13-23 page 6, lines 12-23 page 11, lines 15-30 page 23, line 31 - page 24, line 9	1,3, 9-11,13, 22-27,29
P,X	WO 03/101425 A (ALINIS BIOSCIENCES, INC; BARRY, STEPHEN, E; GOODWIN, ANDREW, A; DECOR,) 11 December 2003 (2003-12-11) the whole document, in particular p. 4 line 33 ----- -/--	1-30

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

* & * document member of the same patent family

Date of the actual completion of the international search

13 April 2005

Date of mailing of the international search report

27/04/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Villa Riva, A

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>US 6 159 502 A (RUSSELL-JONES ET AL) 12 December 2000 (2000-12-12)</p> <p>column 2, lines 10-15 column 7, lines 63-65 column 9, line 50 - column 10, line 63 examples 1,2</p>	<p>1,3,5-7, 9-11,13, 22-27,29</p>
Y	<p>US 5 151 264 A (SAMAIN ET AL) 29 September 1992 (1992-09-29) column 4, lines 46-56 example 6 claims</p>	<p>1-30</p>
Y	<p>EP 0 838 224 A (KURARAY CO., LTD) 29 April 1998 (1998-04-29) page 4, lines 25-57 page 8, lines 40-52 page 10, lines 45-51 examples</p>	<p>1-30</p>
A	<p>VERVOORT L ET AL: "INULIN HYDROGELS AS CARRIERS FOR COLONIC DRUG TARGETING: I. SYNTHESIS AND CHARACTERIZATION OF METHACRYLATED INULIN AND HYDROGEL FORMATION" PHARMACEUTICAL RESEARCH, NEW YORK, NY, US, vol. 14, no. 12, December 1997 (1997-12), pages 1730-1737, XP009020453 ISSN: 0724-8741 the whole document</p>	<p>1-30</p>

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2004/019979

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

Although claims 25,26 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; It is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 2004098564	A	18-11-2004	US 2004247683 A1	09-12-2004
			WO 2004098564 A2	18-11-2004
WO 03101425	A	11-12-2003	AU 2003273272 A1	19-12-2003
			CA 2487720 A1	11-12-2003
			WO 03101425 A2	11-12-2003
US 6159502	A	12-12-2000	AT 156705 T	15-08-1997
			AU 664365 B2	16-11-1995
			AU 1558092 A	02-11-1992
			WO 9217167 A1	15-10-1992
			CA 2084194 A1	03-10-1992
			DE 69221568 D1	18-09-1997
			DE 69221568 T2	19-03-1998
			DK 531497 T3	23-03-1998
			EP 0531497 A1	17-03-1993
			ES 2108111 T3	16-12-1997
			GR 3025328 T3	27-02-1998
			HK 1002252 A1	07-08-1998
			IE 921050 A1	07-10-1992
			JP 5507941 T	11-11-1993
			JP 3296817 B2	02-07-2002
			KR 250390 B1	01-05-2000
			NZ 242220 A	27-04-1994
			ZA 9202425 A	24-02-1993
US 5151264	A	29-09-1992	FR 2631826 A1	01-12-1989
			AT 77741 T	15-07-1992
			CA 1341259 C	19-06-2001
			DE 68901955 D1	06-08-1992
			DE 68901955 T2	04-02-1993
			EP 0344040 A1	29-11-1989
			ES 2054048 T3	01-08-1994
			WO 8911271 A1	30-11-1989
			GR 3005670 T3	07-06-1993
			JP 2864033 B2	03-03-1999
			JP 4500662 T	06-02-1992
			KR 124414 B1	25-11-1997
EP 0838224	A	29-04-1998	EP 0838224 A2	29-04-1998
			JP 10155892 A	16-06-1998
			US 5980883 A	09-11-1999